

08/20/01  
Jc923 U.S. PTO

09/23/01 08/20/01

Please type a plus sign (+) inside this box ☐

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No.    |   |
|  | First Inventor         | VAUGHN SMIDER   |
|  | Title                  | METHOD FOR IDENTIFYING MODULATORS<br>OF DNA STRUCTURE SPECIFIC BINDING. |
|  | Express Mail Label No. |   |

|   |   |
|---|---|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
|---|---|

|   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 17]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5]</p> <p>5. Oath or Declaration [Total Pages 5]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/>(for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
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|---|--|
| <b>ACCOMPANYING APPLICATION PARTS</b>   |  |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  |  |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)   | <input type="checkbox"/> Power of Attorney       |
| 11. <input type="checkbox"/> English Translation Document (if applicable)   |  |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                                  |  |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  |  |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |  |
| 17. <input type="checkbox"/> Other:   |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|  |                 |   |    |   |       |
|--|-----------------|---|----|---|-------|
| <b>19. CORRESPONDENCE ADDRESS</b>                          |                 |   |    |   |       |
| <input type="checkbox"/> Customer Number or Bar Code Label |                 | (Insert Customer No. or Attach bar code label here) |    | or <input checked="" type="checkbox"/> Correspondence address below |       |
| Name   | VAUGHN SMIDER   |   |    |   |       |
| Address  | 1823-A PEARL ST |   |    |   |       |
| City   | ALAMEDA         | State   | CA | Zip Code  | 94501 |
| Country  |                 | Telephone   |    | Fax   |       |

|                   |                      |                                   |         |
|-------------------|----------------------|-----------------------------------|---------|
| Name (Print/Type) | VAUGHN SMIDER        | Registration No. (Attorney/Agent) |         |
| Signature         | <i>Vaughn Smider</i> | Date                              | 8/16/01 |

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

373.00

## Complete if Known

Application Number  
Filing Date 8/17/01  
First Named Inventor VAUGHN SMIDER  
Examiner Name  
Group Art Unit  
Attorney Docket No.

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number  
Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description        |
|----------|----------|----------|----------|------------------------|
| 101      | 710      | 201      | 355      | Utility filing fee     |
| 106      | 320      | 206      | 160      | Design filing fee      |
| 107      | 490      | 207      | 245      | Plant filing fee       |
| 108      | 710      | 208      | 355      | Reissue filing fee     |
| 114      | 150      | 214      | 75       | Provisional filing fee |

Fee Paid

355

SUBTOTAL (1) (\$)

355

### 2. EXTRA CLAIM FEES

Total Claims 22  
Independent Claims 2  
Multiple Dependent  
Extra Claims 2  
Fee from below 9  
Fee Paid 18

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 103      | 18       | 203      | 9        | Claims in excess of 20                                     |
| 102      | 80       | 202      | 40       | Independent claims in excess of 3                          |
| 104      | 270      | 204      | 135      | Multiple dependent claim, if not paid                      |
| 109      | 80       | 209      | 40       | ** Reissue independent claims over original patent         |
| 110      | 18       | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$)

373

\*for number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105                   | 130                   | 205                   | 65                    | Surcharge - late filing fee or oath  |          |
| 127                   | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130                   | 139                   | 130                   | Non-English specification  |          |
| 147                   | 2,520                 | 147                   | 2,520                 | For filing a request for ex parte reexamination                            |          |
| 112                   | 920*                  | 112                   | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840*                | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115                   | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116                   | 390                   | 216                   | 195                   | Extension for reply within second month                                    |          |
| 117                   | 890                   | 217                   | 445                   | Extension for reply within third month                                     |          |
| 118                   | 1,390                 | 218                   | 695                   | Extension for reply within fourth month                                    |          |
| 128                   | 1,890                 | 228                   | 945                   | Extension for reply within fifth month                                     |          |
| 119                   | 310                   | 219                   | 155                   | Notice of Appeal   |          |
| 120                   | 310                   | 220                   | 155                   | Filing a brief in support of an appeal                                     |          |
| 121                   | 270                   | 221                   | 135                   | Request for oral hearing   |          |
| 138                   | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140                   | 110                   | 240                   | 55                    | Petition to revive - unavoidable   |          |
| 141                   | 1,240                 | 241                   | 620                   | Petition to revive - unintentional   |          |
| 142                   | 1,240                 | 242                   | 620                   | Utility issue fee (or reissue)   |          |
| 143                   | 440                   | 243                   | 220                   | Design issue fee   |          |
| 144                   | 600                   | 244                   | 300                   | Plant issue fee  |          |
| 122                   | 130                   | 122                   | 130                   | Petitions to the Commissioner  |          |
| 123                   | 50                    | 123                   | 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 126                   | 180                   | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581                   | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146                   | 710                   | 246                   | 355                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                   | 710                   | 249                   | 355                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                   | 710                   | 279                   | 355                   | Request for Continued Examination (RCE)                                    |          |
| 169                   | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) VAUGHN SMIDER  
Signature Vaughn Smider

Registration No.  
(Attorney/Agent)

## Complete (if applicable)

Telephone 510-748-9601  
Date 8/17/01

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